

FIG. 1 is a block diagram of a system for providing a user with a list of channels and their associated information. The system includes a user interface 10, a database 20, and a processor 30. The user interface 10 is connected to the database 20 and the processor 30. The database 20 stores information about channels and their associated information. The processor 30 processes the information and provides it to the user interface 10.

26

CHANNEL NUMBER 213

Title 214

Channel 212

Start & End Times 216

Logo

Summary... 218

210

220a

220b

220c

Category

CC

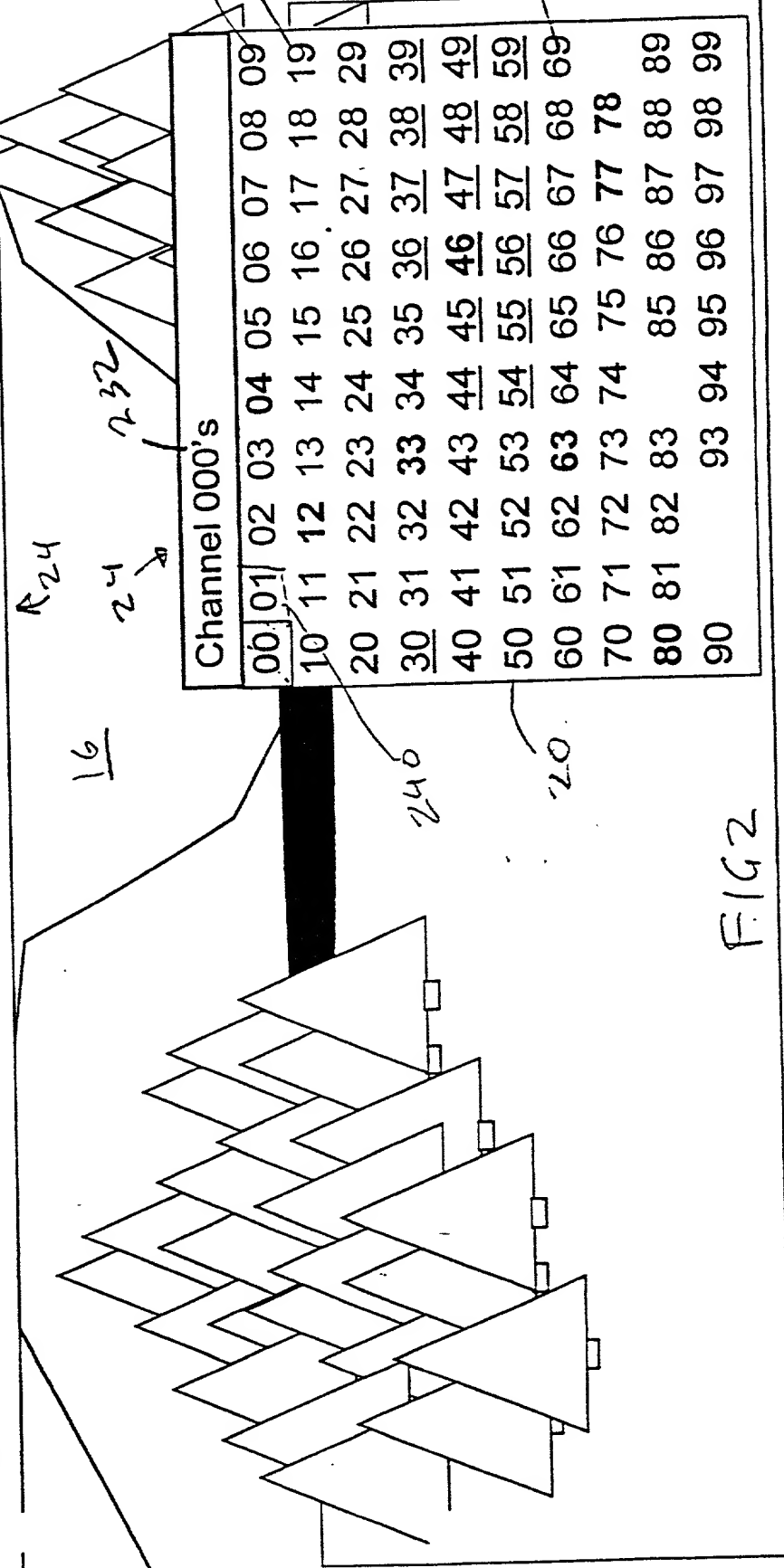
AA

O

TVPG

●

HDTV



16

24

232

Channel 000's

00	01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73	74	75	76	77	78	
80	81	82	83		85	86	87	88	89
90			93	94	95	96	97	98	99

230

230

230

FIG 2

4163

26

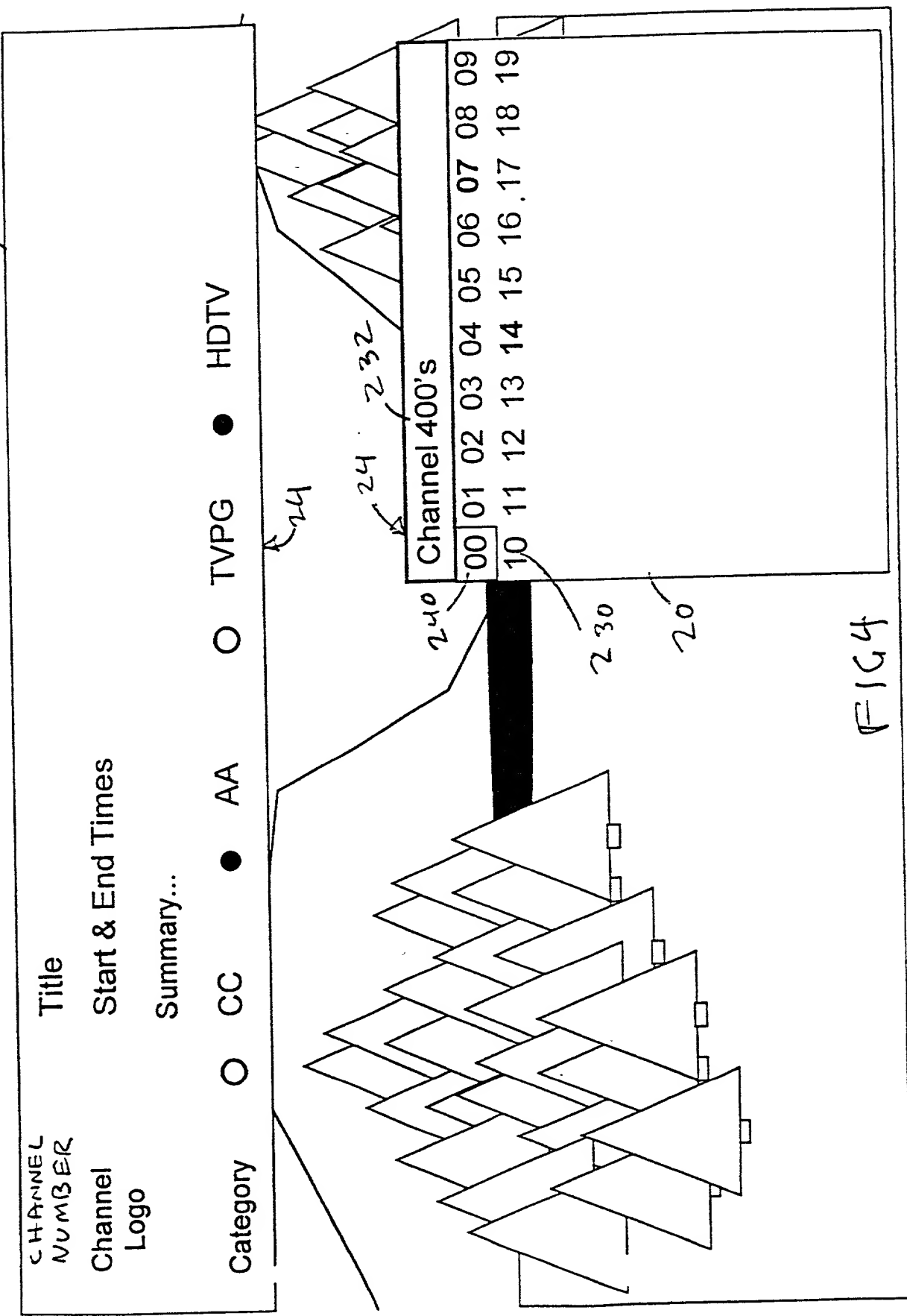
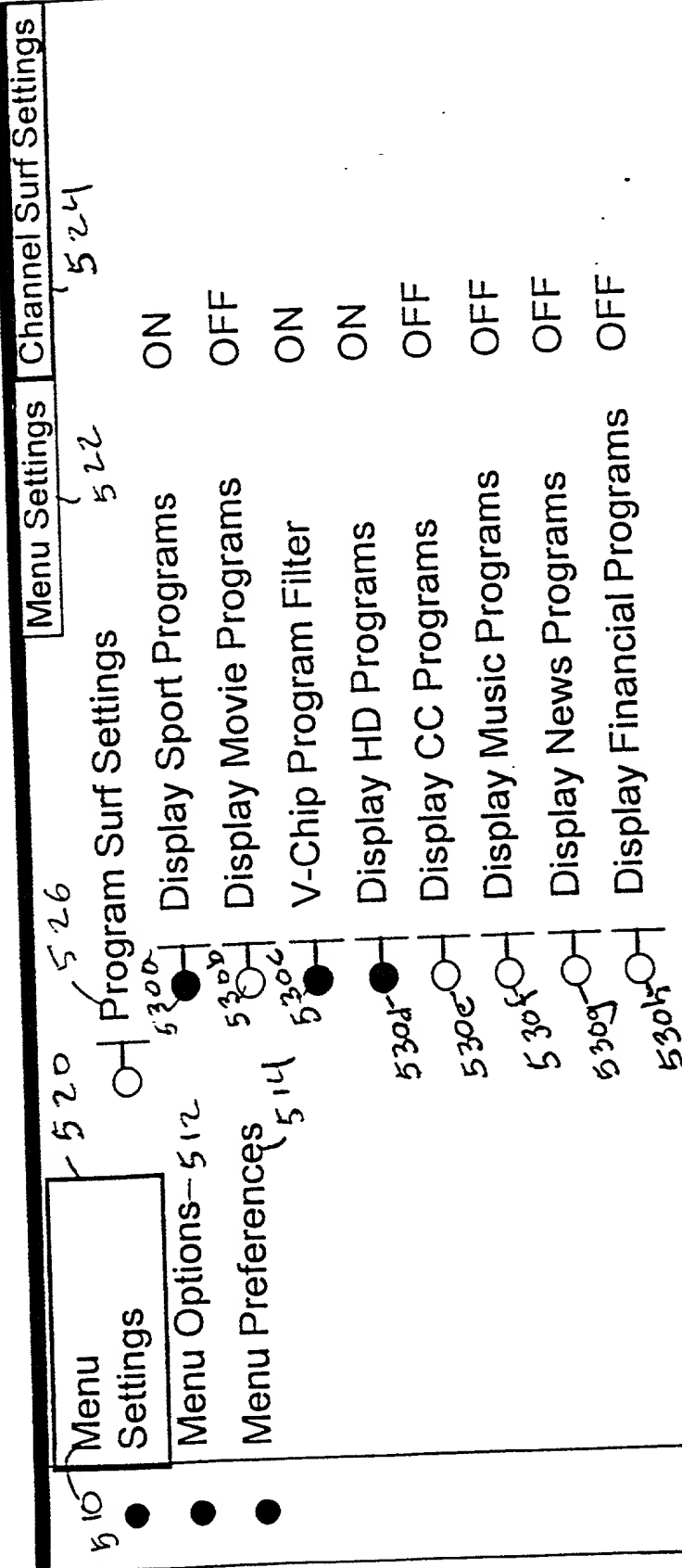


FIG 4

1. The present invention relates to a method and apparatus for displaying a menu of options on a television screen. The method and apparatus of the present invention is particularly adapted for use in a television set. The method and apparatus of the present invention is particularly adapted for use in a television set. The method and apparatus of the present invention is particularly adapted for use in a television set.



500

FIG 5

Settings

Menu Options

Menu Preferences

Program Surf Settings

Display Sport Programs

Display Movie Programs

V-Chip Program Filter

Display HD Programs

Display CC Programs

Display Music Programs

Display News Programs

Display Financial Programs

$$\frac{Z}{O}$$

LELO

$$\frac{Z}{O}$$
$$\frac{z}{o}$$

OFF

OFF

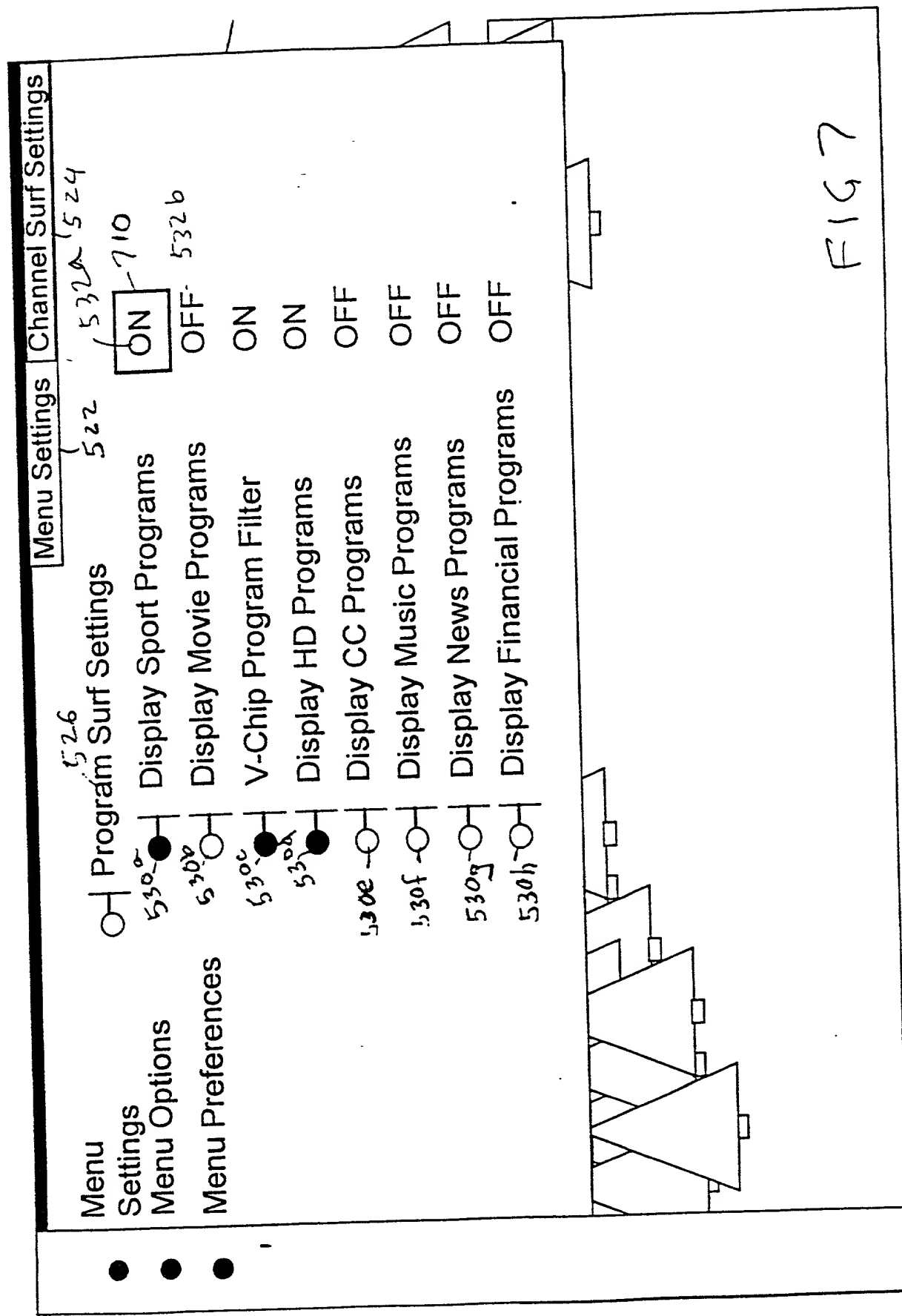
FOUO

OFF

500

956

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343-213
 MSNBE MNT
 Logo
 210
 Movies
 218
 Comedy, Romance, Movie (1984) Tom Hanks, Daryl Hannah, Eugene ...
 216
 9:00 pm - 10:00 pm
 Splash
 214

Movies
 210
 218
 216
 214

O CC ● AA O TVPG ● HDTV

Channel 300's

00	01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35				
40	41	42	43	44	45	46	47	48	49
50	51	52	53	54	55	56	57	58	59
60	61	62	63	64	65	66	67	68	69
70	71	72	73						
80	81	82	83		85	86	87	88	89
90			93	94	95	96	97	98	99

FIG 9